

### Marked Up Version of Amended Claims

36. (Amended) An imaging system comprising:

an x-ray source that emits x-rays towards an object;

an imager that receives x-rays from said object based on said emitted x-rays and forms an image of said object, wherein said imager comprises a semiconductor imager;

an imager support system that attaches said imager to a support structure, wherein said imager support system comprises:

a first arm having one end attached to said imager and another end attached to said support structure; and

a second arm having one end attached to said imager and another end attached to said support structure.

63. (Amended) A method of treating an object with radiation, comprising:

move a radiation source about a path;

direct a beam of radiation from said radiation source towards an object;

emitting an x-ray beam in a cone beam form towards an object;

detecting x-rays that pass through said object due to said emitting an x-ray beam with an amorphous silicon flat-panel imager;

generating an image of said object from said detected x-rays; and  
automatically controlling said path of said radiation source based on said image.